

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-025448

(43)Date of publication of application : 01.02.1994

(51)Int.Cl. C08J 7/04  
C08J 7/18

(21)Application number : 03-205296

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(22)Date of filing : 15.08.1991

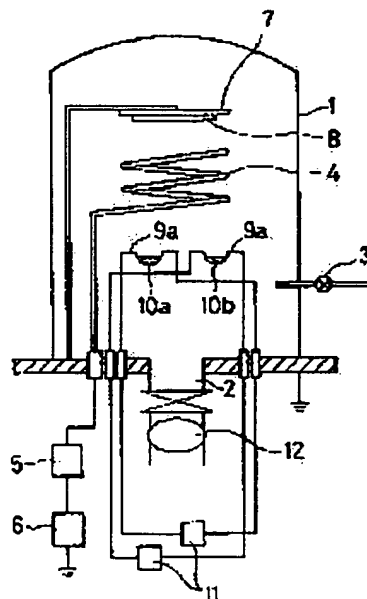
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## (54) PRODUCTION OF ULTRAVIOLET-BARRIER FILM

### (57)Abstract:

PURPOSE: To produce a film excellent in performances such as ultraviolet-barrier properties and transparency by forming a plasma-polymerized film of an ultraviolet absorber good in adhesion to a base film.

CONSTITUTION: An ultraviolet absorber 10a and 10b is plasma-polymerized to form a plasma-polymerized film of the ultraviolet absorber 10a and 10b on the surface of a plastic base 8.



## LEGAL STATUS

[Date of request for examination] 26.06.1998

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

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**CLAIMS**

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[Claim(s)]

[Claim 1] The manufacture approach of the ultraviolet-rays electric shielding film which is made to carry out the plasma polymerization of the ultraviolet ray absorbent, and is characterized by forming the plasma polymerization film of an ultraviolet ray absorbent on a plastic plate front face.

[Claim 2] The manufacture approach of independent or claim 1 which forms the compounded plasma polymerization film of an organic system ultraviolet ray absorbent and an inorganic system ultraviolet ray absorbent of an organic system ultraviolet ray absorbent.

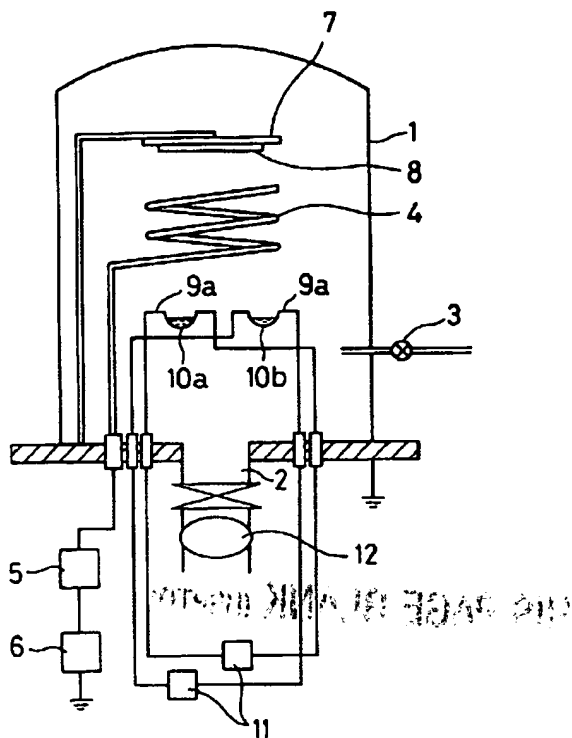
[Claim 3] The manufacture approach of claim 1 which forms the plasma polymerization film of an ultraviolet ray absorbent by high-frequency excitation mold ion plating.

[Claim 4] The manufacture approach of claims 1, 2, or 3 which carry out a plasma polymerization by gas pressure within the limits of  $10^{-2}$  -  $10^{-5}$  torr.

[Claim 5] The manufacture approach of claims 1, 2, 3, or 4 which make thickness of the plasma polymerization film of an ultraviolet ray absorbent within the limits of 500-5000Å.

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Drawing selection ☒ Representative drawing

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